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**Catalogue Number Two  
and Retail Price List**

# **TEXAS NURSERY CO.**

(INCORPORATED)

**Sherman, Texas**

**E. W. KIRKPATRICK, President**  
**JNO. S. KERR, Vice President**  
**C. C. MAYHEW, Treasurer and Manager**  
**H. E. HALL, Secretary**



**Largest and Most Complete  
Stock of**

**Fruit and  
Ornamental  
Trees  
and Plants**

**in the Southwest**



**LONG DISTANCE TELEPHONE IN OFFICE  
STREET CARS WITHIN TWO BLOCKS**



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# TO OUR PATRONS AND FRIENDS

In this abridged form we hand you list of trees and plants with concise descriptions, and thanking you for liberal patronage, we solicit your continued orders.

We have the latest improved and best of everything in our line in larger supply than was ever, heretofore, offered in the Southwest.

Our facilities for rapid and safe handling and shipping has greatly improved.

**Our New Packing Houses** give us more than 18,000 square feet of inside space.

**Our own and the city waterworks** carry an abundance of water, piped to all parts of the sheds and packing grounds, giving the best facilities for handling stock regardless of weather.

**Shipping**—We begin shipping stock about October 20th, and continue until about the following April.

**Our digging is done** with the latest improved tree diggers, labeling, handling and packing with utmost care, using the best packing material and packing in burlaps or boxes.

**We follow shipping directions** of purchaser so far as possible, and when directions are not given, we follow our best judgment and assume no risk or cost of transportation which belongs to purchaser.

**Guarantee of Genuineness**—We use constant care in keeping everything true to name and description.

**Mistakes are avoided** every possible way, but when they do occur, and when we are promptly notified of such mistakes on receipt of shipments, we gladly correct them, and if any stock proves not true to name, we will replace them with the genuine or return the price paid for same, but it is mutually agreed between ourselves and our purchasers that we are not to be held liable to pay more than the original price received for the goods.

**Location**—Our main office and packing grounds are at the south end of Walnut street in South Sherman. Take south bound Travis street cars to end of line and walk one block east and two blocks south.

**Whole Roots** are secured on our stock by planting best seeds on richest soils, giving most careful cultivation, grafting, or budding, training and handling in the best approved way.

**Insects and diseases** are almost unknown on trees grown on this rich limestone soil.

**Our Prices** are based upon cost of production and upon a reasonable profit, and are not in competition with cheap stuff grown in a cheap way.

**Reference** as to our standing is made to Bradstreet and Dun, to any bank in Sherman or McKinney, Texas, and to nurserymen generally.

**Telegrams** promptly transmitted to or from our office by phones.

**Terms** cash, if not otherwise arranged.

**Money** should be sent by Postal or Express money orders, Bank exchange or Registered letter.

**One thousand trees**, though made up of different kinds, may be all priced at the rate per 1,000; also 600 at the rate per 1,000; less than 600 and over 50 at the rates per 100; under 50 and over 12 at the rate per dozen; less than 12 at the single rates.

**For orders amounting to five dollars and over** we pay transportation charges to your railroad station in Texas, Oklahoma and Louisiana.

These prices abrogate former retail prices.

**TEXAS NURSERY COMPANY, Sherman, Texas.**



## SUGGESTIONS TO PLANTERS

**The orchard** should be planted near the residence and on the north side when convenient.

**The early blooming fruits**, such as peach, plum and apricots, should be planted on the higher locations so as to avoid late frosts, while late bloomers, like apple, pears, grapes and berries, can be planted on either high or low land.

**The soil** should be deeply pulverized before planting and well cultivated for several years after planting.

If land is near level or not well drained, ditches or drains should be provided to rapidly carry off surplus water.

**In handling trees and plants**, their roots should not be exposed to extreme temperature of either heat or cold.

**Before planting**, we cut the roots of a young tree or vine so they are about three to six inches long, and so the cut will be on the under side. Cut away about half of the top branches. Plant the tree about two inches deeper than it grew, having the opening well lined with fine surface soil. Press fine soil about the roots, using water after you have pressed the soil. In pressing soil after you have moistened it there is danger of baking, thus killing the tree.

The tree is best when branched low and kept pruned low.

**Thinning the fruit**, when it sets thick, is often necessary in order to have good fruit, and also in order to save the life of the tree.

**Cultivation** of the tree is a much discussed question. Trees grown on rich deep soil in dry climates seem to thrive best with constant shallow cultivation.

Trees grown in moist climates often thrive without cultivation.

A deep mulch of decaying leaves, without cultivation, appears to give longest life to trees.

**Gathering** of most fruit is best done when fully ripe, but the Pear, the Apple and the Persimmon should be gathered when mature and ripened in a confined atmosphere.

**Choosing Varieties**—The best guide is the experience of planters in your vicinity and nature's plantings. Plant the best, even at an additional cost, over cheap goods.

**New Fruits** superior to the old are constantly being discovered, by planting seeds of fine fruits that have been crossed or hybridized by other varieties and this fascinating discovery can be shared by everybody who will plant and grow these seeds.

**Budding and Grafting** are simple arts easily acquired. Books and bulletins, teaching the art, are cheap and easily found by asking booksellers, horticultural journals or agricultural colleges. Every teacher should understand this art of multiplying trees and plants, and they should be required to train children in this art.

**Insects and diseases** hurtful to trees and plants can be controlled, to a degree, by following advice given in bulletins issued free at our agricultural colleges.

The following distances are recommended on average land:

Apple, 25 feet, 69 trees per acre.

Peach and Pear, 20 feet, 108 trees per acre.

Plum and Apricot, 15 feet, 193 trees per acre.

Grape and Fig, 10 feet, 435 trees per acre.

Blackberries, 3x3 feet, 1,745 plants per acre.

See remarks on Injurious Insects and Fungi at the close of this book.



### THE GREAT COMMERCIAL PEACH.

## "EARLY WHEELER"

Originated by E. W. Kirkpatrick, trade-marked and introduced by Texas Nursery Co. Large, clear cream, with bright red cheek; beautiful in shape and color; distinct and showy on the market stands; sweet or sub-acid, sprightly; flesh white, firm yet juicy; ripe with Alexander, May to June in the Texas peach belts, with shipping, keeping and table qualities of Old Mixon. We have shipped this peach to Detroit, Mich., and back home, and then kept it a week afterwards in good condition. The Early Wheeler is of the North China type, tree vigorous, upright in habit, healthy and prolific; foliage abundant; blooms large and resistant, a sure bearer; has fruited five years.

The early peach market evidently now offers the greatest opportunities. There is a great advantage for the man who gets to market first with a fine, showy peach like this.

We believe Early Wheeler the best commercial peach, a solution of the great problem as to the most profitable variety.

Prices, any grade, 50c each, \$5.00 per dozen, \$25.00 per 100, \$90.00 per 600, \$150.00 per 1,000.

We have a great many flattering testimonials from high sources. We append a few condensed, all our present space will allow.

Sam H. Dixon, at World's Fair, 1904: "The Early Wheeler peach we put on record as one of the most valuable new peaches grown. Nothing of its period equal to it."

F. T. Ramsey, Austin, Tex.: "It stands out above the whole list of early peaches more prominently than any other variety yet produced. It will ship to England."

Barnett Brothers, Chicago: "The basket of Early Wheeler peaches duly received. It will readily bring \$1.75 to \$2.00 for 4-basket crates."

Crutchfield & Wolkfolk, Pittsburg, Pa.: "We received the Early Wheeler peaches and judge that it



would be a fine seller in any market. It is a money-maker."

The Early Wheeler peach shows splendid carrying qualities, and being fine stock, are easily a leader in any market.—Chicago Packer.

We could sell in this market several cars daily if we had them, at \$1.75 to \$2.00 and upwards for four-basket crates. There is no peach we have ever seen at this season of the year that is in the same class with them. We would like to have you send us a list of the names and postoffice addresses of the people you have sold the largest orchards to.—The Walker, Brewster Co., Kansas City, Mo.

The Early Wheeler Peach should certainly be a boon for growers here for the early Northern markets.—T. V. Munson & Son, Nurserymen, Denison, Texas.

The Early Wheeler Peach is superior in every respect to any early peach I have ever seen.—J. C. Hale, Nurseryman, Winchester, Tenn.

The Early Wheeler Peach is by far the best early peach that I have seen, being large, firm of flesh and of good shipping qualities. I think it cannot be too highly recommended.—M. G. Black, Prop. Vine Hill Nurseries, Mt. Pleasant, Texas.

Get the Wheeler—it is the first good peach of the spring. It will ship to England.—F. T. Ramsey, Nurseryman, Austin, Texas.

Mr. W. R. Crowell, Kansas City, Prest. Lowrie Co.: "The Early Wheeler is certainly a bonanza for the Texas peach growers."

It is large in size, a beautiful rich color, an elegant flavor and a good shipper for long distance markets. Being an unusually early variety, it will always command fancy prices.—J. J. White, Fruit and Commission Merchant, Buffalo, N. Y.

H. M. Stringfellow, Lampasas, Tex.: "If I were going to plant largely for market, I would give Early Wheeler preference over all other peaches."

D. O. Brown, Collinsville, Tex.: "I have 2,000 Early Wheeler trees, planted 1905; they bore some this year, and I kept some of them 14 days. I never ate as fine flavored peaches as these were, and I have most of the standard varieties."

Farm & Ranch, Dallas, Tex.: "Texas has the opportunity with this handsome Early Wheeler peach to prove herself mistress of the early peach market."

Mr. F. W. Mally, Nacogdoches, Tex.: "The Early Wheeler as grown in our Fitze orchard near Garri-son, Tex., is a valuable acquisition, large, highly colored, resembling a highly colored Old Mixon; ripens with Alexander, and ripens evenly to the pit. I consider it the most valuable of its season, and will plant no other for the season it occupies."

L. D. Spears, Carthage, Tex.: "I have 1,380 Early Wheeler peach trees of 1905 planting; some of them bore in 1906. Don't fail to reserve for me 1,000 more to plant fall 1906."



## PEACHES

The peach is queen of fruits. Its rich and unsurpassed flavor, delicious sweets and acids, beautiful and gorgeous tints and colors, graceful shapes and forms, make it the universal favorite everywhere.

In the South the peach holds first place as a commercial fruit. Its many varieties furnish a long ripening period, extending from May until November, giving a continual supply to local and distant markets, and suited for table, for cooking, canning, drying and preserving.

The following list of names of peaches shows about the order of their ripening period.

This list should be preserved and used in order to identify and study each variety, thus enabling each planter to rightly determine the best varieties for his locality.

**PRICES**—Leading varieties peach trees; 2 to 3 ft. trees will be sold not less than 20 of a kind,

	Ea.	Doz.	100	1000
Extra large .....	\$0.50	\$5.00	\$30.00	\$200.00
4 to 5 feet .....	.35	3.00	25.00	125.00
3 to 4 feet.....	.20	2.00	15.00	75.00
2 to 3 feet.....	...	....	10.00	50.00

**Prices Special Varieties.**

Extra large .....	.75	6.00	40.00	250.00
4 to 5 feet.....	.50	5.00	30.00	150.00
3 to 4 feet.....	.30	2.50	20.00	100.00
2 to 3 feet.....	...	....	15.00	75.00

**VARIETIES**

For general planting over a wide range of territory. In order of their ripening:

**Victor**—Earliest; red cheek; flesh white, sprightly; ripe in May.

**Sneed**—Creamy white and carmine; good size and flavor; ripe last of May.

**May Lee, Cling**—Large, red, oblong, juicy, good; our introduction; ripe in May. Special, 50c each.

**Alexander**—Large, red, round, sweet; old standard; ripe in early June.

**Japan Dwarf**—Dark red skin and flesh; heart shaped; quite acid; dwarf tree; ripe in June. Special, 50c each.

**Arp Beauty**—A fine yellow commercial peach, ripening between Alexander and Mamie Ross. A favorite among East Texas orchards. Special, 50c each.

**Greensboro**—Large, oblong, red cheek, juicy, sub-acid; ripe in June.

**Triumph**—Yellow skin and flesh, sweet and good; ripe middle of June.

**Dewey**—Yellow skin and flesh; ripe in June.

**Hobson Cling**—Large, red cheek, sweet, delicious, good shipper, valuable, our introduction; ripe in June. Special, 50c each.

**Early China**—Large, white with red cheek; valuable; ripe in June.

**Chinese Free**—Large, round, red cheek, rich, delicious; very valuable; ripe middle of June.

**Pearson**—Large, red cheek, rich and juicy; valuable; our introduction; ripe June 15th. Special, 50c.

**Rogers**—Large, pointed, red cheek; very valuable; our introduction; ripe June 20th. Special, 50c.

**Mamie Ross**—Large, red cheek; valuable; ripe June 20th.

- Carman**—Large, red cheek, good; ripe June 20 to 25.
- Eureka**—Large, round, red cheek, rich and juicy; very valuable; ripe early in June. Special, 50c.
- Mountain Rose**—Round, red cheek, juicy and good; ripe first of July.
- Yellow St. John**—Round, yellow flesh; valuable; ripe in July.
- Crawford Early**—Large, yellow flesh, subacid; ripe in July.
- Family Favorite**—Large, oblong, red cheek; valuable; ripe in July.
- Gen. Lee Cling**—Large, carmine red, melting, juicy, rich; ripe in July.
- Crosby**—Yellow, round; sure bearer; ripe middle of July.
- Chinese Cling**—Very large, red cheek, white flesh, juicy; July.
- Elberta**—Large, yellow, rich, oval shape; best commercial peach; ripe middle of July.
- Thurber**—Large, oblong, red cheeks, sub-acid; sure; July.
- Stump the World**—Large, white, red cheek, delicious; ripe in July.
- Champion**—Large, white, red cheek, sure; very valuable; ripe in July.
- July Heath Cling**—Large, round, white, firm, sweet; valuable for preserves; our introduction. Special, 50c each.
- Old Mixon Cling**—Large, round, red cheek, sweet, firm; valuable; ripe August 1st.
- Foster**—Large, yellow, round, red cheek, sub-acid; ripe August 1st.
- Oriole Cling**—Large, round, yellow, sweet, juicy, delicious, sure; ripe in August. Special, 50c each.
- Chilow Cling**—Large, yellow, rich, juicy, firm, delicious; sure; very valuable; Aug. 1st. Special, 50c each.
- Everbearing**—Large, red Indian, sweet, juicy; August.
- St. Clair**—Large, yellow, round, rich, sub-acid; sure; valuable our introduction. Special, 50c each.
- Crawford Late**—Large, round, yellow, sub-acid; ripe in August.
- Weaver Cling**—Large, oblong, yellow, delicious; very valuable. Special, 50c each.
- White English Cling**—Large, round, red cheek, sweet, firm, juicy; August.
- Raisin Cling**—Large, red, Indian, juicy, sweet.
- Lemon Cling**—Large, yellow, firm, good; ripe in August.
- Sylphide Cling**—Large, oblong, red cheek, juicy; sure; last of August.
- Wonderful**—Large, round, red cheek, delicious; sure; last of August.
- Heath Cling**—Large, white, firm, sweet, sure; fine for preserves; ripe September 1st.
- Picquett's Late**—Large, round, yellow, sub-acid; sure; September.
- Salway**—Large, round, yellow, sub-acid; sure; ripe in September.
- Yellow Admirable**—Large, round, sweet, firm; very valuable.
- Ringgold Mammoth Cling**—Large, round, white, sweet, firm; September.
- Dulce**—Very large, round, yellow, rich, delicious; ripe in September. Special, 50c each.
- Henrietta Cling**—Large, round, yellow, rich and sweet; ripe in September.



**Late Elberta**—Large, oblong, yellow, rich, delicious; sure; introduced by us; ripe in September. Special, 50c each.

**Crimson Beauty Cling**—Large, white, red cheek; September.

**Pond**—Large, round, yellow, rich, delicious; sure; our introduction; ripe in October. Special, 50c each.

**Black's October Cling**—Large, white, firm, good; ripe in October.

**October Indian**—Small, round, red, sweet, delicious; sure; valuable; ripe in October.

**Barnes' Cling**—Large, yellow, Indian; valuable; ripe in October.

**Stinson**—Large, red, firm; valuable; ripe in October.

**Bell's**—Large, red and yellow mixed; sure; good; ripe in October.

**November Heath Cling**—Large, white, firm; good for preserves; ripe in November.

**Nix Late Cling**—Large, round, white, firm, good; ripe in November.

### COASTWISE PEACHES.

Special adaptations are required in peaches for the country lying along the coast of the Gulf of Mexico, south of latitude about 28 to 30. In the northern part of this section the following peaches are successful, which are mainly of the North China type, and which have already been described in the above general list, which see: Victor, Sneed, Early Wheeler, Japan Dwarf Blood, Early China, Arp Beauty, Mamie Ross, Carman, Rogers, Gen. Lee and Elberta.

The following, listed about in order of ripening, are mainly of the Honey and Puento types, and are especially adapted to the immediate coast and northward for about one hundred miles. Dates for ripening are only approximate and for the coast section.

**Japan Dwarf Blood**—Medium, deep red, prolific, excellent, valuable, free; May-June.

**Waldo**—Very early, red, free, sweet, superior flavor.

**Best June**—Improved Mamie Ross, adapted to South Texas.

**Pallas**—Honey type, sweet, medium, cream with blush; June-July.

**Colon**—Large, oblong, white, splashed red, sub-acid, excellent flavor; June-July.

**Waddell**—Medium, white with blush, valuable for table and market; July.

**Honey**—Medium, oblong, pointed, creamy with red blush, very sweet, free; July.

**Rupley**—Firm, round, yellow cling, of Mr. Onderdonk's introduction; July.

**Cabher**—Indian, skin and flesh mottled, acid, cling; last of July.

**Onderdonk**—Medium, skin and flesh yellow, free, excellent; July-August.

### PLUMS

The plum is easily grown, adapts itself to widely varying conditions, and will succeed anywhere that trees will grow.

The new Japanese plums, with their fine, large, showy fruit, and the more sturdy natives, are all very popular, but the highest success is being achieved in the new hybrids, the results of crosses between the large Japans and our iron-clad natives.

These combine the fine qualities of both these species and are very successful and justly popular.

Among these are Six Weeks, Funks, Gonzales, Excelsior, America, Bartlett, Wickson, Milton, Chasco, Reagan and others.

The following list of choice varieties are given about in the order of their ripening.

#### PRICES LEADING VARIETIES.

2 to 3 ft. trees sold not less than 10 of each variety.

	Ea.	Doz.	100	1000
Extra large .....	\$0.75	\$7.00	\$.....	\$.....
4 to 5 feet .....	.50	5.00	30.00	250.00
3 to 4 feet .....	.50	3.00	20.00	175.00
2 to 3 feet .....	...	....	15.00	125.00

#### Special Varieties.

Extra large .....	1.00	9.00	.....	.....
4 to 5 feet .....	.60	6.00	35.00	300.00
3 to 4 feet .....	.50	5.00	30.00	200.00
2 to 3 feet .....	...	....	20.00	150.00

#### VARIETIES.



#### Six Weeks

**Six Weeks**—Trade-marked and introduced by Jno. S. Kerr. Large, oblong, brilliant red, flesh pink, seed small; ripe May 20 to June 1, the earliest market and family plum; well tested. This is a hybrid, seed of Botan crossed or pollinated with an early Chickasaw, and combines the fine size and appearance of the Japan with the healthfulness, vigor and prolificness of the native. The tree is vigorous, upright and rapid in growth; it resembles the native more than the Japan. The fruit is remarkably free from curculio, is handsome and striking in any market. This is a fine commercial and family plum. We have many flattering testimonials from most authoritative sources concerning the Six Weeks plum. Price, any size, \$1.00 each, \$10.00 per dozen.

**Funk's Early**—Special, a very early hybrid plum of merit.

**McCartney**—Special, large, oblong, yellow, splendid Chickasaw; ripe in May.

**Red June**—Large, dark red, pointed; valuable Japan; ripe in June.



- Doris**—Large, red, round; valuable; discovered by Luther Burbank; ripe in June; special.
- Gonzales**—Large, red, round; valuable cross; from F. T. Ramsey; ripe in June; special.
- Milton**—Large, red, oblong; valuable; ripe in June.
- Shiro**—Large, yellow, egg shaped; valuable cross by Burbank; ripe in June; special.
- Botan**—Large, round, purple, yellow and green; splendid Japan; upright tree.
- Wild Goose**—Large, red, oblong; good Chickasaw; ripe in June.
- Jennie Lucas**—Medium, yellow; good quality Chickasaw; ripe in June.
- Wooten**—Large, red, round, prolific; valuable Chickasaw.
- America**—Special, large, red, round, prolific; valuable cross by Burbank; ripe in June.
- Nona**—Large, round, red, best quality; valuable Chickasaw; ripe last of June.
- Burbank**—Large, round, red; valuable; prolific; spreading tree; ripe in July.
- Arkansas Lombard**—Medium size, red, round; valuable Chickasaw; ripe in July.
- Satsuma**—Large, flat, dull red, dark red flesh; valuable Japan.
- Norman**—Large, yellow, round; superior quality; valuable Japan; ripe in July.
- Oriole**—Large, red, round; prolific; valuable cross; special.
- Indian Chief**—Medium, red; very valuable Chickasaw.
- Bartlett**—Large, red, heart shape; beautiful upright tree; valuable cross by Burbank; July; special.
- Roulette**—Large, red with white specks; rich Chickasaw; ripe in July.
- Eagle**—Medium, red, round; prolific Chickasaw; ripe in July.
- Wickson**—Very large, oblong, yellow, red when fully ripe; upright tree; popular cross by Burbank; ripe in July.
- Miner**—Medium, round, dark red, rich, prolific, sure; valuable American; ripe in August.
- Crimson Beauty**—Medium size, round, red; valuable Golden Beauty type; ripe in August.
- Wayland**—Medium, round, red; sure bearer; ripe in August.
- Golden Beauty**—Medium, round, yellow; sure; valuable; ripe in September.
- Irby September**—Medium, round, red; sure; valuable; ripe in September.
- Reagan**—New, Wayland crossed with American; large, red, rich; finest October plum; special.

## ALMONDS

This fruit, like the Apricot, is best suited to the western or semi-arid district, and should be grafted on the Plum.

**Prices Same as Plums—Leading.**

- Princess**—Large, sweet, soft shell; popular commercial variety.
- Sultan**—Large, fine thin shell variety.

## APRICOTS

This delightful fruit should be planted on most elevated places or near buildings where they will be partially protected from late frost or severe and

sudden changes in temperature. Valuable in semi-arid district.

The following list of select varieties are arranged in about their order of time of ripening.

**Prices of Apricot Trees Same as Plums—Leading.**

**Early May**—Yellow freestone, rich, juicy; Russian; ripe in May. Discovered by us. 50c each.

**Early Cluster**—Clear yellow, excellent quality. From Mr. Ramsey. 50c each.

**Early Golden**—Pale orange, vigorous tree; ripe in early June.

**Lampasas**—Large, yellow and red, round; good.

**Budd**—Small, round, freestone; one of the best Russians.

**Moorpark**—Large, yellow, red cheeks, juicy and rich.

## CHERRIES

The Cherry thrives best in a cool or Northern climate. A few hardy varieties of acid cherries do moderately well in the South on elevated, rich, dry locations.

**New Century**—Trade-marked and introduced by us.

This new cherry seems to be a cross between the Morello and the sweet types of cherries; early, large, light red, with good flavor. It is a strong grower, with healthy, vigorous foliage, and for a number of years has borne better in Grayson County, Texas, where it originated, than any other variety. We offer the New Century, believing it to be the best Southwestern cherry. Price 75c each, \$9.00 dozen.

**Early Richmond**—Medium size, dark red, round; rich acid; ripe last of May. 50c each, \$5.00 doz.

**Baldwin**—Large, red, round, sub-acid; strong tree; valuable. 50c each, \$5.00 dozen.

**English Morello**—Medium size, dark red, rich acid. 50c each.

**Gov. Wood**—Large, oblong, light red, juicy, sub-acid; upright tree. 50c each, \$5.00 dozen.

## APPLES

Apples are pre-eminently the fruit of commerce, being more widely and more extensively grown than any other fruit. Many apple orchards are proving very valuable in many sections in Texas. The Southern planter should adhere closely to those varieties which have proven most valuable in the South.

The following list contains varieties which have proven successful in Texas, both in the black land and in the sandy land. Listed about in order of their ripening.

### PRICES LEADING VARIETIES APPLES.

(Except where otherwise noted.)

2 to 3 ft. trees sold not less than 20 of a kind.

	Ea.	Doz.	100	1000
Extra large .....	\$0.50	\$5.00	\$30.00	\$200.00
4 to 6 feet .....	.35	3.50	25.00	135.00
3 to 4 feet .....	.20	2.00	12.50	75.00
2 to 3 feet .....	...	....	8.00	50.00

### Special Varieties.

Extra large .....	.75	7.00	50.00	300.00
4 to 6 feet .....	.50	5.00	30.00	150.00
3 to 4 feet .....	.30	2.50	20.00	100.00
2 to 3 feet .....	...	....	15.00	75.00



- Lievland**—Special; the earliest of our good apples; begins ripening earlier than Yellow Transparent, but continues longer. Beautifully striped, showy, medium size, of high quality, and keeps better than the other early apples. It originated in Lievland Province, Russia, hence the name. Very valuable and justly popular.
- Yellow Transparent**—Beautiful, crisp, fragrant; table and market; Russian; June 1st.
- Early Harvest**—Large, round, yellow, juicy, sub-acid; ripe first of June.
- Red June**—Large, conical, red, splendid flavor; upright tree; ripe early in June.
- Red Astrachan**—Large, round, red, tart, good for cooking; ripe in June.
- Duchess of Oldenburg**—Large, red, striped, tart, good; Russian; ripe in June.
- Tull**—Large, oblate-conical, smooth, yellow, tender and good; ripe in June; special.
- Striped June**—Large, round, striped; good table variety.
- San Jacinto**—Special. Like an enormously large Red June apple, of which it appears to be a seedling, coming in just as the Red June goes out. Tree vigorous and prolific; very productive. A variety of the highest merit both for market and table. Fruit hangs to the tree remarkably well and a fine keeper for an early apple. A splendid new apple.
- Dixie**—Special. This beautiful clear yellow apple originated from seed of some fine apples from Kentucky, planted by Mrs. Emiline Burge of Ector, Texas, in her garden in 1898, and has continued to bear regular crops of fine apples since the tree was four years old. Tree vigorous and upright; the fruit is a beautiful clear yellow, round, smooth, fine sub-acid flavor, excellent for cooking or eating out of hand. Ripe about with Benoni, about two weeks after Red June. The best yellow apple for the home or market orchard, of the second ripening. Trade-marked and introduced by us.
- Benoni**—Medium, red, conical, fine quality, prolific; first of July.
- Indiahoma**—A magnificent red apple originating in the Indian Territory, now Oklahoma. Large, oblong, of excellent appearance and flavor, well adapted to Southwestern planting; a fine market apple. Trade-marked and introduced by us. July; special.
- Summer Queen**—Very large, yellow with red stripes, conical; valuable; ripe in July.
- Summer Pearmain**—Large, conical, yellow splashed with red; best quality; July.
- Gravenstein**—Large, red striped; fine flavor; ripe in July.
- Horse**—Large, yellow, acid; good for cooking; July.
- Maiden's Blush**—Medium, bright pink, round; very valuable; July.
- Twenty Ounce**—Very large, red striped, roundish, fine; ripe in August.
- Bismarck**—Large, red, fine quality; bears young; New Zealand dwarf; special.
- Hubbard**—Large, fine Southern apple, from Van Zandt county. 50c each.
- Bledsoe's Favorite**—Special. Fine Texas seedling; originated and grown extensively for many years by the late Judge Bledsoe, of Sherman, an orchardist of note, proving to be one of the most

vigorous, productive and profitable apples of this section. Fruit is large, greenish striped, handsome; a table and market apple. August-September.

**Lincoln**—Another native from Southwest Texas, fruiting regularly and heavily on the high prairies of Texas for many years. Medium, flat, greenish with red blush, sub-acid; fine for cooking and market.

**Rambo**—Medium, oblate, yellow, marbled red; good; August.



**Tioga All Summer**

**Tioga All Summer**—This remarkable apple tree was found near Tioga, Texas, and has become noted, not only for its superior fruit, but also from its habit of long continuous ripening, over two months, there being fruit on the tree of different stages of maturing at the same time. The fruit is oblong, large, of a beautiful orange, overspread with red; excellent quality; quite an acquisition for the family garden. June to September. Trade-marked and introduced by us. \$1.00 each, \$10.00 dozen.

**Wetsel**—Large, round, rich, yellow flesh; erect tree; valuable; August apple. Special.

**Jonathan**—Large, red, conical, white flesh, tender; valuable; ripe in August.

**Bell Flower**—Large, oblong, yellow, grooves and ridges; ripe in August.

**Carter's Blue**—Large, greenish brown, blue bloom; sugary; ripe in September.

**Fall Pippin**—Large, greenish yellow, round; fine quality; first of September.

**Missouri Pippin**—Large, round, oblate, red striped, flesh yellow, good. Ripe Sept. to Jan.

**Shockley**—Medium size, oblong conical, bright red and yellow, sweet, pleasant; upright tree; good keeper. Sept. to Feb.

**Ben Davis**—Large, round, conical, red striped, flesh white, sub-acid; most popular; September.

**Paragon**—Large, red, good quality; vigorous and valuable. Sept. to Jan. Special.

**Capitola**—Very large, red striped; valuable; ripe Sept. to Jan. Special.

**Wine Sap**—Large, round oblong, dark red, flesh yellow, rich flavor. Sept. to Jan.

- Limbertain**—Large, round, green, yellow and red; firm, juicy, pleasant. Oct. to April.
- M. B. Twig**—Large, round, dark red, yellow flesh. Oct. to Feb.
- Gano**—Large, bright red, round, oblate. Oct. to Jan.
- Kinnaird**—Tree strong, prolific, fruit large, red, a superb Southern winter apple, the best of the Winesap seedlings. Oct. to Feb.
- Rutledge**—Originated in South Texas; large, handsome, richly striped; vigorous, productive; most valuable. Sept. to Dec.
- Waren**—Famous in Southeast Texas where it originated, long keeping, deep red, finely flavored, vigorous, seedling of winesap, September to January.
- Ark**—Black, especially fine in the west; vigorous, hardy, abundant, large, smooth, dark red, flesh yellow, crisp, delicious, profitable home and market; September to February.
- Shirley**—Texan, vigorous, prolific, striped medium, hangs well on the tree, fine southern keeper; September to January.
- Loy**—Vigorous, prolific, large red, good keeper; September to January.
- Grimes Golden**—Medium, yellow with russet dots, highest flavor; an early and annual bearer; October.
- Wolf River**—Vigorous, largest, greenish yellow, shaded crimson; September.
- Northern Spy**—Large, roundish, oblate, greenish yellow with dark red stripes, strong grower; September to October.
- Huntsman**—Large, flat, deep yellow, sub-acid, fine grained, very good; October to April.
- Aikin**—Medium to large, resembles Jonathan, keeps better; winter.
- Minkler**—Medium round, conical, grayish red, quality good, family and market. Oct. to Jan.
- York Imperial**—Medium, oblate irregular, white shaded crimson, firm, crisp, sub-acid; one of the best. Oct. to April.
- Baldwin**—Succeeds north and west; large oblate, red, excellent, an old favorite. Oct. to Feb.
- Northwestern Greening**—Yellow, smooth, good size, like Grimes Golden in shape and color. Sept. to Feb.

## CRAB APPLES

Crab apples come into bearing as early as the peach, bearing regularly. Excellent for preserves, jellies and dessert, bringing the highest price in the market. Same price as other apples.

- Florence**—Dwarfish; immensely productive; fruit flat, round, tender; acid; cream, splashed bright red. July.
- Whitney**—Vigorous; striped, large; abundant. August.
- Transcendent**—Most vigorous; productive; waxen yellow, striped red. The best Crab. August and September.
- Hyslop**—Hardy; productive; fruits in clusters; dark rich red; very acid. Late.
- Yates**—Vigorous; prolific; striped; large; late keeper.
- Red and Yellow Siberian**—Small here.

Apples for the Panhandle and Pecos Valley, the coming apple orchard of the Southwest, Lievland, Yellow Transparent, Harvest, Red June,



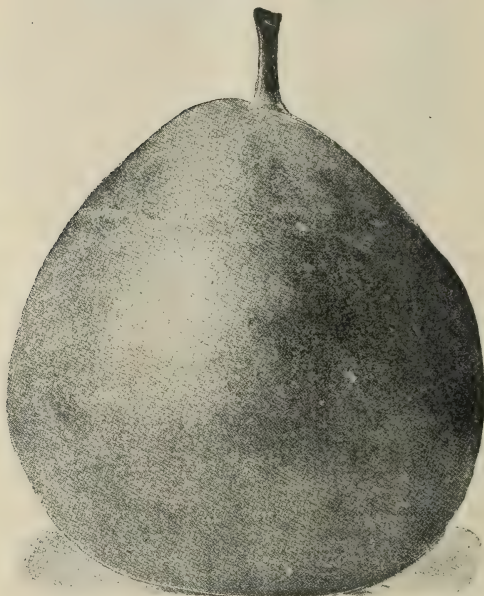
Astrachan, Duchess of O., Dixie, San Jacinto, Summer Queen, Tioga, Pearmain, Maiden Blush, Bledsoe, Jonathan, Bellflower, Missouri Pippin, Ben Davis, Gano, Paragon, Baldwin, Winesap, Aikin, Kinnaird, Limbertwig, M. B. Twig, York Imperial, Ark, Black, Loy, G. G. Pippin, Wolf River, Huntsman, Minkler, N. W. Greening. Of crabs, Florence, Transcendent, Whitney, Yates. Late Apples are the most profitable.

#### Apples for South Texas:

Red June, Duchess of Oldenburg, Yellow Transparent, Harvest, Astrachan, San Jacinto, Summer Queen, Gravenstein, Tioga, Lincoln, Heine, Jonathan, Rutledge, Warren, Florence Crab, Transcendent Crab.

## PEARS

### STANDARD AND DWARF.



**Magnolia Pear.**

Pears are growing in popularity since the introduction of hardy, prolific varieties, and since we have learned to gather the matured fruit and store and ripen under cover.

The following list of varieties are chosen for their hardiness and placed in about their order of ripening. Those described as hardy and prolific are most valuable for the Southwest.

#### PRICES OF PEAR TREES.

(Except Where Noted.)

	Ea.	Doz.	100	1000
Extra large .....	\$0.75	\$7.00	.....	.....
4 to 6 feet.....	.50	6.00	40.00	.....
2 to 4 feet.....	.35	3.00	20.00	175.00
2 to 3 feet.....	.....	.....	15.00	100.00

#### VARIETIES.

**Early Sugar**—Small, but of best quality. Ripe June.

**Early Harvest**—Large round pyriform, red and yellow, dry and poor keeper. June.

- Early Wilder**—Medium size, yellow and red, fine, sub-acid. Ripe in July.
- Alamo**—A Texas seedling of Bartlett which it resembles, but is earlier, smaller, sweeter; mellows readily. June, July.
- Koonce**—Medium size, yellow with red cheek. Early market variety.
- Howell**—Large yellow, with red cheek, rich and sweet. Ripe in July.
- Clapp's Favorite**—Very large, dull red and yellow, rich and good, hardy and prolific. Ripe in July.
- Le Conte**—Large, yellow, smooth, valuable hybrid; fruit good when ripened well in the shade. July.
- Smith's Hybrid**—Large, yellow, smooth, best early Southern hybrid. Ripe in July.
- Garber**—Large pale yellow, best quality when properly ripened. Tree hardy and prolific. Ripe in August.
- Bartlett**—Large yellow, rich, delicious, very popular. Ripe in August.
- Seckle**—Small, rich, yellowish brown and red; flesh rich, fine flavored. Ripe in August.
- Flemish Beauty**—Large egg shaped, yellow, brown and red, juicy, fine flavored. Ripe in August.
- Duchess**—Large, oblong, uneven, greenish yellow, rich, excellent. Ripe in September.
- Magnolia Special**—Strong, healthy, abundant and young bearer; round, russet, fine. \$1.00 each; \$10.00 per dozen.
- Anjou**—Large, obtuse, pyriform, greenish red, rich vinous flavor. Ripe in September.
- Kieffer**—Large yellow, red cheek, oval, flesh white and juicy, valuable for preserves, also for eating when ripened in boxes. Tree large, productive and hardy. Most valuable of all pears for southwest.

## JAPAN PERSIMMONS

This royal fruit from Japan is deservedly popular, most beautiful in foliage and fruit, and the most delicious of all fruit. It gains in the estimation of people everywhere, when they learn its value. We offer best obtainable varieties, grafted on native stocks.

### PRICES.

Jap. Persimmons.	Ea.	Doz.	100
3 to 4 feet.....	\$0.75	\$7.00	\$50.00
2 to 3 feet.....	.50	5.00	35.00

### VARIETIES.

- Kuro Kume**—Large round, dark red skin and flesh; delicious when packed away to ripen; productive. Ripe in October.
- Mino**—Large, oblong, pointed, bright red skin and flesh; hardy, productive; should be ripened in boxes. Ripe in November.
- Hyakume**—Large round yellow, flesh red, good keeper; fine when soft.
- Mazelli**—Large, round, oblong, ribbed, orange red, prolific, keeps well; fine when soft.
- Yemon**—Large flat, tomato shaped, no astringency, prolific.

## POMEGRANATES

- Spanish Ruby**—Large yellow with crimson cheek, flesh purple, sweet and good. 50 cents each.
- Sub-Acid**—Large yellow, red cheek, red flesh, sub-acid. 50 cents each.

## FIGS

	Ea.	Doz.	100
4 to 5 feet.....	\$0.50	\$5.00	\$35.00
3 to 4 feet.....	.35	3.00	25.00
2 to 3 feet.....	25	2.50	20.00

**Brunswick**—Very large, violet, good, productive, flesh reddish brown; excellent.

**Celestial**—Small, pale violet, sweet, prolific, good.

**Green Ischia**—Small, yellowish green, pulp red, fine, productive, good.

**Brown Turkey**—Oblong, dark brown with blue bloom, red flesh, delicious, prolific.

**Magnolia**—Most popular fig in the coast country; like Brunswick.



## GRANDPA'S ORCHARD

What fun we have at grandpa's  
When we go out to stay;  
The big sweet-smelling orchard  
Is our favorite place to play.

There's one thing queer about it—  
When grandpa plants a tree,  
He names it for a grandchild—  
One's 'Liz'beth, named for me.

And one's for Cousin Lewis,  
Another for "Sunny Jim."  
But the best one of all  
Is named for Baby Helen.

Grandpa says he wants our lives  
To grow just like those trees,  
And bear the fruits of goodness,  
And thus our Maker please.

—E. M. L.



## QUINCES

Prices same as for Pears.

**Angers**—A productive old variety.

**Meech's Prolific**—Large, best quality; fine for cooking.

**Orange**—Large round yellow; valuable.

**Champion**—Large, oval shape, yellow, good keeper; valuable.

**Rhea's Mammoth**—Extra large, oval, yellow; good, seedling of orange.

## NUTS

The most valuable class of wild fruits, and may become the most valuable of all domestic or cultivated fruits. Many varieties are native, growing wild in great profusion, easily improved and brought to great perfection.

The unlimited demand for both trees and fruit, especially the fruit in its natural and manufactured forms opens a wide field for enterprise.

### PECANS.

This is the richest and most popular of all nuts. It is native, hardy, vigorous and productive. It is comparatively free from insect enemies and diseases. It is in endless variety of size, form, color, thinness of shell and other characteristics.

It is subject to endless improvement in quality, increase in quantity, and use in commerce. The millions of wild pecan and hickory trees, whose fruit is poor or of little value, can be readily converted, by top working, into trees bearing most valuable nuts.

Grafted pecan trees give most reliably good results.

### PRICES OF SOFT-SHELL PECANS.

Selected Seedlings.

	Ea.	Doz.	100
4 to 5 feet.....	\$0.50	\$5.00	\$30.00
3 to 4 feet.....	.40	4.00	25.00
2 to 3 feet.....	.35	3.00	20.00
1 to 2 feet.....	.25	2.00	15.00

### GRAFTED AND BUDDED PECANS.

Wonderful progress is being made in the improvement or selection of pecans. The grading of the characteristics has been reduced to a science, standards of excellence established allowing 100 points the maximum, as to trees as follows: Productiveness, 40 points; hardness, 20; propagation, 20; toughness, 10; form, 10; total, 100. In the nuts, separation, 30; plumpness, 25; quality, 20; size, 15; form, 5; color, 5; total, 100 points.

These fine qualities once secured are maintained with absolute certainty by grafting or budding from these fine trees on seedling stocks. Orchards thus selected and started are an unfailing source of greatest profits and gratification.

We have a good stock of the following finest varieties:

Stewart, Frotcher, Van Demon, Money Maker, Schley, Pabst, Centennial, Hollis, Russell.

### PRICES OF GRAFTED AND BUDDED PECANS.

	Ea.	Doz.	100
3 to 4 feet.....	\$1.50	\$17.00	\$125.00
2 to 3 feet.....	1.25	14.00	100.00
1 to 2 feet.....	1.10	12.00	90.00

**JAPAN WALNUTS.**

These fine nut, shade and ornamental trees should be extensively planted. They have been largely distributed and tested from New York to the gulf coast. They grow best in strong lime soils, such as the best soils of Texas, and also on the lighter sandy soils. "Ruff" rocky places might profitably be utilized by growing these fine, rapid, round-headed, rank foliaged, beautiful and useful nut trees.

The roots are more fibrous than the black walnut, hence the trees transplant easily.

We have fine blocks of these trees ranging in height from two to eight feet, in three varieties, now in cultivation from seed imported from Japan.

**PRICES.**

	Ea.	Doz.	100
6 to 8 feet.....	\$0.75	\$6.00	\$50.00
4 to 6 feet.....	.50	5.00	40.00
3 to 4 feet.....	.35	3.00	25.00
2 to 3 feet.....	.25	2.50	20.00

**VARIETIES.**

**Juglan's Sieboldiana**—Hardest, most rapid tree, enduring farthest north; nuts grow in clusters, shell thicker than Persian or English walnut; flavor excellent. Large stock.

**Juglan's Cardiformis**—Rapid grower, profuse bearer in clusters, nuts heart shaped, hence the name; thinner shell than above; kernels may be removed entire. Good stock.

**Juglan's Manchurica**—Tree dwarfish; nuts equal to Persian walnuts. Only a few in stock.

**BLACK WALNUTS.**

	Ea.	Doz.	100
5 to 7 feet.....	\$0.50	\$5.00	\$40.00
4 to 5 feet.....	.40	3.50	30.00
3 to 4 feet.....	.30	2.50	25.00

**WHITE WALNUTS OR BUTTERNUTS.**

	Ea.	Doz.	100
6 to 7 feet.....	\$0.50	\$5.00	\$40.00
4 to 5 feet.....	.40	2.50	30.00

**ENGLISH WALNUTS.**

	Ea.	Doz.	100
3 to 4 feet.....	\$0.50	\$5.00	\$40.00
2 to 3 feet.....	.35	3.00	25.00

**CHESTNUTS.**

Spanish.

	Ea.	Doz.	100
3 to 4 feet .....	\$0.50	\$5.00	\$40.00
2 to 3 feet.....	.35	3.00	25.00

**MULBERRIES**

Trees highly valued for shade, and the fruit for hogs, chickens, etc.

**PRICES**

	Ea.	Doz.	100
8 to 10 feet.....	\$0.50	\$5.00	\$30.00
6 to 8 feet.....	.40	4.00	25.00
4 to 6 feet.....	.35	3.00	20.00
3 to 4 feet.....	.25	2.00	15.00

**VARIETIES.**

**Hick's Everbearing**—Large, black, sweet, very prolific, in fruit several months. Ripe in June, July and August.

**Downing**—Large, rich, sub-acid, valuable. Ripe in June and July.

**English**—Large, black, excellent flavor, hardy, prolific, very early.

## ✓ GOOSEBERRIES

Price 25c each, \$3.00 per Dozen.

**HOUGHTON**—Round, red, sweet; one of the best.

**Downing**—Pale green, handsome, good quality.

## CURRENTS

Small, black and red, hardy, prolific, good; 25c each, \$3.00 per dozen.

## RASPBERRIES

Price, \$1.00 per Dozen; \$4.00 per 100.

**Kansas**—Large, black, hardy, prolific. One of the best.

**Mammoth Cluster**—Large, black, hardy, productive.

**Gregg**—Large, black, vigorous, productive.

**Cardinal**—New, extra large and fine.

## BLACKBERRIES AND DEWBERRIES



**Texas Queen**

Nothing is surer, more abundant, healthier for use or more profitable for market than these. They thrive throughout the widest range of conditions. Rich land and good culture are essential.

### PRICES.

(Except where otherwise noted.)

\$1.00 for 25.      \$3.00 for 100.

**Texas Queen**—A native of the Black Land of North Texas. The largest and most abundant early berry we have found. Large as Robison, free



from core or from imperfect berries, with fine flavor. A strong and upright grower after first year. Succeeds well in the black, waxy prairies as well as in the sandy loam lands. Trade marked and introduced by us; \$1.50 per doz., \$10.00 per 100.

**Sorsby May**—Blackberry from East Texas; strong, upright, medium size, excellent, very early and prolific; succeeds on black land; \$1.50 for 25, \$5.00 for 100.

**Early Harvest**—Firm, sweet, hardy, prolific, popular.

**McDonald**—Large, vigorous, excellent, prolific; cross between dewberry and blackberry; very early and valuable; \$1.50 for 25, \$5.00 for 100.

**Austin**—Dewberry; very large, acid, vigorous, prolific and valuable.

**Rogers**—Dewberry; large, black, vigorous, prolific; \$1.50 for 25, \$5.00 for 100.

**Robinson**—Blackberry; large, delicious, prolific; From West Texas; very valuable; \$1.50 for 25, \$5.00 per 100.

**Hopkins**—Fine, upright grower, abundant bearer, fruit large, firm, unexcelled in flavor; a fine all purpose blackberry; \$1.50 for 25, \$5.00 per 100.

**Missouri Mammoth**—Largest, vigorous, hardy, late, good; \$1.50 for 25, \$5.00 per 100.

## STRAWBERRIES

Price, 50c per doz.; \$2.00 per 100; \$8.00 per 1000.

**Crescent**—Large, red, excellent. Pistillate.

**Michel**—Large, round, red, good, hardy, vigorous and early. Staminate.

**Lady Thompson**—Large, good color, uniform, hardy, valuable. Staminate.

**Excelsior**—Hardy, vigorous, valuable. Staminate or perfect flowered.

## GRAPES

We give special attention to grape growing. We grow our grapes from our own vineyards. Our plants are grown on fresh, rich land, producing strong vines with a fine root system. They will please you. Our "Tree Planter's Guide tells how to grow them best.

	Ea.	Doz.	100
2 years old.....	\$0.25	\$3.00	\$15.00
1 year old.....	.20	2.00	10.00

**Agawam**—Large, amber.

**Black Spanish**—small black, heavy bunch.

**Brighton**—Large, red.

**Champion**—Large black.

**Concord**—Large black.

**Catawba**—Red, table and wine.

**Cynthiana**—Black, wine.

**Delaware**—Small red, delicious.

**Early Ohio**—Black, profitable.

**Green Mountain**—White, prolific.

**Goethe**—Greenish pink; fine table.

**Hartford**—Black.

**Herbemonte**—Purplish black, vigorous, fine.

**Ives Seedling**—Medium black, sure.

**Lindley**—Large red, fine quality.

**Martha**—Large white, good.

**Moore's Diamond**—Finest white.

**Niagara**—Large white, table and market.

**Pocklington**—Golden, fine flavor.

Salem—Large red, medium cluster.  
 Virginius—Red.  
 Woodrough's—Red.  
 Worden—Black.  
 Wyoming—Red.

**GRAPES—SPECIAL.**

Most of these are Munson's hybrids, combining the best characteristics of our natives for hardiness, with the fine quality of our best standard sorts, making the best all round type of grapes.

	Ea.	Doz.	100
2 years, No. 1.....	\$0.50	\$5.00	\$25.00
1 year, No. 1.....	.35	3.00	20.00

America—Postoak hybrid, black, fine.  
 Brilliant—Finest quality, red, hybrid.  
 Big Extra—Largest bunch, black.  
 Bell—Hybrid, early, greenish yellow.  
 Carman—Postoak x Triumph, vigorous, fine black.  
 Gold Coin—Norton x Martha, golden, sure, delicious.  
 Herman Jaeger—Postoak hybrid, black, successful.  
 Manito—America x Brilliant, early, prolific, black.  
 Presley—Earliest, dark red, profitable.  
 R. W. Munson—Postoak hybrid, large black.  
 Rommel—Elvira x Triumph, finest flavor, cream color.  
 The Captain—Postoak hybrid, strong grower, well adapted to our climate, black, fine flavor, bunch of largest size, often measuring 12 inches. A great acquisition; \$1.00 each, \$10.00 per doz.

## Ornamental Department



**Catalpa Bungei**

"Who plants a tree plants joy, plants peace.  
 Plant! Life does the rest.  
 Heaven and earth help him who plants a tree,  
 And his work its own reward shall be."

The love of the beautiful and artistic arrangement of home environments is the chief distinguish-

ing characteristic of permanent civilization as against the rude makeshifts of barbarism.

The work of building permanent and comfortable homes denotes sturdy character, while the beautifying of a home is a sure sign of gentle refinement. The basis of home adornment should be a work of permanence and constant growth.

Trees and plants should be chosen with reference to their longevity as well as for their beauty.

We have them suited for every home, park, cemetery, etc.

## DECIDUOUS SHADE TREES

Prices (except as otherwise noted).

	Ea.	Doz.	100
12 to 14 feet high.....	\$1.00	\$10.00	.....
10 to 12 feet high.....	.75	7.50	40.00
8 to 10 feet high.....	.50	5.00	35.00
6 to 8 feet high.....	.40	4.00	30.00
4 to 6 feet high.....	.25	2.50	20.00
3 to 4 feet high.....	.20	2.00	15.00

### VARIETIES.

**Ash**—American; a fine native tree of deep green foliage.

**Box Elder**—A rapid growing native tree.

**Catalpa, Speciosa**—Strong, enduring tree, large leaves, purple flowers.

**Catalpa Bungei**—Beautiful umbrella topped, very distinct and striking, as well as hardy and successful.

	Each
7 to 8 feet.....	\$1.00
6 to 7 feet.....	.75
4 to 6 feet.....	.50

**Elm, American White**—Large, broad-leaved, permanent, native, graceful, spreading, branches often pendant, longlived, hardy, majestic and popular everywhere.

**Hackberry**—Very hardy, thriving where others fail; a favorite native tree.

**Locust, Black**—Very hardy, vigorous, serviceable, especially in the west.

**Maple, Silver or Soft**—Beautiful, clean, rapid grower; a general favorite.

**Maple—Wier's Cut Leafed**—Shredded fairy-like foliage, rare, beautiful and successful.

	Each
8 to 10 feet.....	\$0.75
6 to 8 feet.....	.50
4 to 6 feet.....	.35

**Mulberry, Tea's Weeping**—A very novel, attractive tree; the limbs naturally weeping down to the ground; very popular and successful.

	Each
6 to 7 feet.....	\$1.00
5 to 6 feet.....	.75
4 to 5 feet.....	.50

**Mulberry, Russian**—Hardy and valuable everywhere for fruit, shade and timber.

**Mulberry, Non-Bearing**—Of these we have Multicaulis and white or paper mulberry, making rank shade without the fruit.

**Poplar, Carolina**—A large, stately, rapid grower; large, deep green leaves.

**Poplar, Silver**—Vigorous, rapid, striking, leaves silvery on under side.



- Poplar, Bolleana**—Pyramidal, upright, leaves strikingly beautiful with silver and green, bark also green; rare.
- Pecans**—(See Nuts for description and prices.) No tree more beautiful or serviceable.
- Persimmon, American**—A valuable, hardy, native, fruit bearing tree.
- Sycamore, Plane Tree**—No tree is now more largely planted or more universally successful than the native Sycamore. We have them in all sizes.
- Umbrella, China or Texas Umbrella**—A rapid grower with luxuriant, deep green foliage, forming a beautiful canopy top, enduring perfectly till severe frost.
- Walnuts**—See Nuts for description and prices.) The Japan Walnuts are most valuable for fruit, shade and ornament.
- Willow, American Weeping**—A beautiful, rapid, green barked, fine foliaged, graceful, striking, weeping tree.

## FLOWERING SHRUBS

- Price 50 Cents each, \$5.00 per Doz., except as noted.
- Althea**—Strong upright growers, with beautiful flowers during summer; several varieties, white, pink, purple and variegated. 25 cents each.
- Calycanthus**—Sweet scented, beautiful foliage, fragrant flower in spring.
- Deutzias**—Upright grower, delicately beautiful pink and white flower; very valuable.
- Flowering Willow**—Beautiful blooming bush, flowers during summer. Varieties purple and white.
- Flowering Almond**—Beautiful rosy blooms set upon branches early in spring before leaves come.
- Hydrangea**—Large round flowers, white and rose.
- Japan Quince**—Bright red flowers, very early bloomer; valuable for hedges and specimens. 25 cents each.
- Lilac**—Graceful upright shrub, beautiful purple fragrant flowers in spring; also the white.
- Syringa**—Upright grower, white, fragrant flowers in spring.
- Spirea**—A graceful shrub, beautiful white flowers.
- Snowball**—Large globes of pure flowers in early spring. Should be planted on north side of building or fence for protection from sun and hot winds.
- Tartarian Honeysuckle**—Beautiful bush, bright red and white flowers.
- Tamarix—Italian**—New, very valuable as specimens or hedges; 25 cents.

## CLIMBING VINES

- Boston Ivy (Ampelopsis Vetchii)**—Vigorous creeper, desirable on walls, stumps, fences, etc. 25 cents.
- Bignonia**—Strong climber, scarlet trumpet flower; 25 cents.
- Clematis Ampifolia**—50 cents.
- Clematis, Mad. Edw. Andre**—Red. 75 cents.
- Clematis, Jackmanii**—Purple. 75 cents.
- Clematis, Paniculata**—Hardy climber, white, fragrant star-shaped flower. 50 cents.
- Honeysuckle**—Beautiful trailing vine, in variety, with fragrant flowers, red, white and yellow. 25 cents.

**Roses**—See Climbing Roses.

**Matrimony Vine**—Strong grower, with purple flowers and scarlet berries. 25 cents.

**Wistaria**—Strong grower, with long clusters of pale blue flowers. 25 cents each.

## HEDGE PLANTS

**California Privet**—Strong, hardy, beautiful, well suited for hedge. Can be pruned into any shape; 1 to 2 ft. plants \$1.00 per dozen, \$5.00 per 100; 2 to 3 ft. plants, \$1.50 per dozen, \$8.00 per 100.

**Euonymous Japonica**—Evergreen shrub, shining leaves, beautiful hedge plant; 1 to 2 ft., 35 cents each, \$25.00 per 100; 6 to 12 inches, 25c each, \$15.00 per 100.

**Box (Boxus Sempervirens)**—Thick green leaves; very ornamental. Prices same as in Euonymous.

**Citrus Trifoliata (Hardy Orange)**—Very hardy, green leaves and branches, long spikes, yellow fruit. Most valuable Southern hedge plant; 1 to 2 feet, 15 cents each; \$1.50 per dozen; \$10.00 per 100; 2 to 3 feet, 25 cents each, \$2.50 per dozen, \$15.00 per 100.

In addition to these plants, beautiful hedges, edgings and screens are often made of evergreens, such as Rosedale and Golden Arbor Vitae or Red Cedar, also of shrubs, such as Crape Myrtle, Altheas, Spirea, Tamarix, etc.

## EVERGREENS

### PRICES.

	Ea.	Doz.
3 to 4 feet.....	\$1.00	\$10.00
2 to 3 feet.....	.75	6.00
1 to 2 feet.....	.50	5.00

**Arbor Vitae, Chinese Compacta**—Upright, conical, dense foliage; beautiful.

**Arbor Vitae, Chinese Golden**—Similar to Compacta except foliage is tinted with gold.

**Arbor Vitae, Rosedale**—Beautiful bluish green, hybrid between Arbor Vitae and Juniper or Cypress. Most desirable.

**Cedar, Red**—Hardy native; will grow large, or it can be pruned to any size or shape, like all evergreens.

**Cedrus Deodara**—The great cedar of the Himalayan mountains; a grand, stately tree, attaining a height of 50 to 65 feet; glaucous pea green; branches horizontal and spreading; by far the most striking evergreen for the South.

### BROAD-LEAF EVERGREENS.

**Cape Jasmine (Gardenia Florida)**—Glossy foliage, with beautiful white flowers; very fragrant; 50 cents.

**Magnolia Grandiflora**—Finest of all Southern trees. Large white flowers, broad green foliage.

	Each.
3 to 4 feet.....	\$1.50
2 to 3 feet.....	1.00
1 to 2 feet.....	.60

## ROSES

The Rose is rightly termed "Queen of Flowers," and there is probably no section of country where they can be grown with so little trouble as in the Southwest.

The fine everblooming sorts which must be grown under glass in the north are hardy here and by selecting from the following list, planting and properly cultivating, the finest blooms imaginable may be had almost every day from April until November. In making selections we suggest that customers order those which we class as "hardy," which means they are safe in this climate. A few of the varieties which we grow are only spring bloomers, which we offer because of their especial merit; almost the entire list of sorts which we grow are everbloomers. All plants bloom in field before they are shipped out. We know they are true to name and are as good as money can buy.

Those marked \* are especially recommended.

## 50,000 FIELD GROWN ROSES.

## PRICES.

(Except Where Otherwise Noted.)

	Ea.	Doz.	100
Extra strong.....	\$0.50	\$5.00	\$30.00
No. 1.....	.35	3.00	20.00
No. 2.....	.25	2.25	15.00

All Roses marked 50 cents are \$5.00 per dozen.

**Aline Sisley**—Everbloomer; a violet red, very fragrant.

\***American Beauty**—Everbloomer; rich, rosy crimson; very hardy. 50 cents.

**Andre Swartz**—Everbloomer; dark crimson, profuse bloomer; hardy.

\***Augustine Guinnoisseu** (White La France)—Everbloomer; pearly white; hardy.

\***Baby Rambler**—Special, new popular, pink, cluster rose; 50 cents each.

**Baldwin** (Helen Gould)—Everbloomer; color a beautiful carmine; hardy; 50 cents.

**Beauty of Stapleford**—Everbloomer; color bright pink, shaded carmine; hardy.

**Belle Siebrecht**—Everbloomer; long pointed buds; color deep pink; hardy.

\***Bessie Brown**—Everbloomer; very large and double; creamy white; hardy; 50 cents.

**Plack Prince**—Everbloomer; dark crimson, flowers cupped; hardy.

\***Bon Silene**—Everbloomer; deep rose, free blooming; very fragrant; hardy.

**Boule de Nieve**—Everbloomer; pure white, medium size.

\***Bridesmaid**—Everbloomer; a fine clear, dark pink; hardy.

**Burbank**—Everbloomer; color cherry crimson; strong and vigorous; hardy.

\***Catherine Mermet**—Everbloomer; clear shining pink; hardy.

\***Champion of the World**—Everbloomer;; deep rose; very hardy.

\***Christine de Noue**—Everbloomer; clear rich maroon. 50c.

**Clara Watson**—Everbloomer; very fine; color salmon pink; hardy.

\***Climbing Bridesmaid**—Everbloomer; color same as Bridesmaid; hardy. 50c.



- \***Climbing La France**—Everbloomer; silvery pink, tinged with crimson; hardy. 50c.
- \***Climbing Malmaison**—Everbloomer; identical with Malmaison in color; hardy. 50c.
- \***Climbing Marie Guilot**—Everbloomer; pure white climber. 50c.
- \***Climbing Meteor**—Everbloomer; rich velvety red; hardy. 50c.
- \***Climbing Paul Neyron**—Everbloomer; large deep pink flowers; extra fine; hardy. 50c.
- \***Climbing Perle**—Everblooming; same as Perle except climbing habit. 50c.
- Climbing White Pet**—Everbloomer; snowy white.
- \***Climbing Wooton**—Blooms in spring; color bright magenta red; extra good; very hardy. 50c.
- \***Comtesse Eva Starhemberg**—Everbloomer; yellow edged with rose; hardy.
- \***Cornelia Cook**—Everbloomer; creamy white tinged with pale lemon.
- \***Coquette de Lyon**—Everbloomer; canary yellow; best yellow for bedding; hardy.
- \***Crimson Rambler**—Blooms in spring only; rich glowing crimson; blooms in clusters; a very hardy climber.
- Devonienses**—Everbloomer; creamy white with rosy center.
- Dinsmore**—Everbloomer; rich crimson scarlet.
- Duchess de Brabant**—Everbloomer; soft rosy pink; hardy.
- Duchess of Albany**—Everbloomer; brilliant rose pink; hardy.
- Duchess of Edinburg**—Everbloomer; glowing brilliant crimson.
- \***Enchantress**—Everbloomer; color creamy white tinged with buff in center.
- \***Etoile de France**—New; brilliant red; very fine; blooms like Etoile. 50c each.
- \***Etoile de Lyon**—Everbloomer; rich golden yellow; extra fine; hardy.
- Frances Willard**—Everbloomer; pure snow white.
- Francois Levet**—Everbloomer; color cherry pink.
- General de Tartas**—Everbloomer; brilliant crimson, shaded with violet purple; hardy.
- \***General Jacquiminot**—Blooms in spring only; shining crimson; highly esteemed; very hardy.
- General Robert E. Lee**—Everbloomer; orange yellow, almost salmon; rather tender.
- \***Giant of Battles**—Blooms in spring only; hardy crimson rose.
- Golden Gate**—Everbloomer; white tinged with golden yellow and clear rose; hardy and fine. 50c.
- Helen Cambier**—Everbloomer; small salmon flowers.
- \***Helen Gould**—Everbloomer; color warm rosy crimson; hardy and fine. 50c.
- Her Majesty**—Clear rosy pink; very fragrant; a very fine rose, though not a very profuse bloomer. 75c.
- Hermosa**—Everbloomer; color rose; a constant bloomer; hardy.
- \***Isabella Sprunt**—Everbloomer; bright canary yellow; hardy.
- \***James Sprunt**—Blooms at intervals through the season; deep cherry red climbing rose; hardy.
- John Hopper**—Blooms in spring only; brilliant rose, shaded crimson; very hardy.
- \***Joseph Metral**—Everbloomer; carnation red, passing to carmine; hardy.

- \*Kaiserin Augusta Victoria**—Everbloomer; color delicate creamy white, with long pointed buds; strong healthy grower; very hardy. 50c.
- \*La France**—Everbloomer; silvery pink tinged with crimson; very hardy.
- \*Lamarque**—Everbloomer; pale canary yellow; a climber; very hardy.
- La Pactole**—Everbloomer; pale sulphur yellow; hardy.
- Liberty**—Everbloomer; color beautiful crimson scarlet; hardy. 50c.
- \*Lucullus**—Everbloomer; dark crimson maroon; hardy.
- \*Madam Alf. Carrier**—Everbloomer; white tinged with pale yellow; hardy.
- Madam Caroline Kuster**—Everbloomer; beautiful orange yellow; hardy.
- Madam Caroline Testout**—Everbloomer; brilliant satiny rose; hardy.
- \*Madam Charles Wood**—Everbloomer; color bright fiery scarlet; hardy.
- Madam Carnot**—Everbloomer; color salmon rose; splendid; hardy.
- Madam de Wattville**—Everbloomer; creamy yellow, edged with rose.
- \*Madam Frances Kruger**—Everbloomer; color coppery yellow; hardy and full.
- \*Madam Jos. Schwartz**—Everbloomer; pure white shaded with yellow and rose.
- Madam Lombard**—Everbloomer; color rosy bronze.
- Madam Margottin**—Blooms in spring; color dark citron yellow with apricot shading and red center; hardy.
- \*Madam Masson**—Everbloomer; clear bright rose; hardy.
- Madam Pierre Guillot**—Everbloomer; orange yellow shaded pink.
- \*Maman Cochet**—Everbloomer; deep rosy pink, shaded yellow.
- Madam Welche**—Everbloomer; amber yellow clouded with crimson; hardy.
- Magna Charta**—Everbloomer; rosy red flushed with crimson; hardy.
- Maid of Honor**—Everbloomer; color rich glowing pink; hardy.
- \*Malmaison**—Everbloomer; color creamy flesh; extra good; hardy.
- \*Marechal Neil**—Everbloomer; color deep golden yellow; rather tender; climber. 50c.
- Margaret Dickson**—Everbloomer; pure white; extra large.
- Marie Guillot**—Everbloomer; pure white, faintly tinged with pale yellow; hardy.
- \*Marie Lambert**—Everbloomer; snow white; constant bloomer; hardy.
- \*Marie Van Houtte**—Everbloomer; canary yellow, passing to creamy white, edged with rose.
- Marion Dingee**—Everbloomer; deep brilliant crimson; hardy.
- Medea**—Everbloomer; rich lemon yellow; hardy. 50c.
- \*Meteor**—Everbloomer; rich velvet crimson; extra fine; hardy.
- Mlle. Cecil Berthod**—Everbloomer; sulphur yellow; very pretty; hardy.
- Mosella (Yellow Soupert)**—Everbloomer; dwarf bush; flowers borne in clusters; hardy.

- Mrs. Degraw**—Everbloomer; bright coral pink; hardy.
- Mrs. Robert Garrett**—Everbloomer; color soft pink; hardy.
- \*Mrs. Robert Peary**—Everbloomer; a strong rapid climber; pure white; cannot be excelled; hardy. 50c.
- Muriel Graham**—Everbloomer; pale cream, faintly blushed rose.
- Niphetos**—Everbloomer; pure snow white; pointed buds; rather tender.
- Philemon Couchet**—Everbloomer; light pink; hardy.
- \*Papa Gontier**—Everbloomer; cherry red passing to crimson; hardy.
- \*Paul Neyron**—Blossoms at intervals throughout the season; largest rose; bright shining pink; very hardy.
- \*Perle des Jardines**—Everbloomer; clear golden yellow; one of the best; reasonably hardy. 50c.
- Pierre Guillot**—Everbloomer; crimson, passing to a vivid carmine red; hardy.
- \*Pink La France**—Everbloomer; silvery pink, with crimson; hardy.
- Pink Rambler**—Blossoms in spring only; brilliant light carmine; very popular; very hardy climber.
- Pink Soupert**—Everbloomer; identical with Clotilde Soupert except in color; hardy.
- Prairie Queen**—Blossoms in spring only; clear bright pink; very hardy climber.
- \*Pillar of Gold**—A fine yellow everblooming climber. 50c.
- President Carnot**—Everbloomer; beautiful light rose; hardy.
- Prince Camille de Rohan**—Blossoms in spring only; velvety crimson, passing to intense maroon; shade black; very hardy.
- Princess de Sagan**—Everbloomer; crimson; dwarf; a good bedding rose; hardy.
- Princess Hohenzollern**—Everbloomer; peachy red, passing to crimson; hardy.
- Psyche**—Blossoms in spring only; new Rambler, color white suffused with salmon rose; hardy climber.
- Rainbow**—Everbloomer; pink, striped crimson, center amber; hardy.
- \*Red La France**—Everbloomer; rose pink, exquisitely shaded; hardy.
- \*Reine Marie Henrietti**—Blossoms at intervals through season; climbing rose; color glowing crimson; hardy.
- \*Safrano**—Everbloomer; very strong grower; fine sulphur yellow; hardy.
- Souv. d'un Aime**—Everbloomer; color rosy flesh, shaded with carmine; hardy.
- Souv. de Wootton**—Everbloomer; bright magenta red passing to violet crimson.
- Souv. President Carnot**—Everbloomer; delicate rosy blush.
- Striped La France**—Everbloomer; bright satiny pink striped with rose; hardy.
- Sunrise**—Everbloomer; Austrian copper, scarlet and
- Sunset**—Everbloomer; rich golden amber shaded yellow; rather tender. 50c.
- with ruddy crimson; rather tender. 50c.
- Tennessee Belle**—Blossoms in spring only; bright rosy blush; hardy climber.
- \*The Bride**—Everbloomer; a superb white tea rose; edge of petals tinged with pink; hardy.



- \*The Queen**—Everbloomer; color pure snowy white; hardy.
- Triumph de Pernet Pere**—Everbloomer; magenta red passing to crimson.
- White La France**—Everbloomer; pure white faintly tinged with creamy pink; hardy.
- \*White Maman Cochet**—Everbloomer; white tinged with rosy blush; hardy. 50c.
- \*White Rambler**—Blooms in spring only; pure snow white climber; very hardy.
- \*William Allen Richardson**—Blooms at intervals during season; coppery yellow flushed with carmine; hardy climber.
- Winnie Davis**—Everbloomer; apricot pink shading to flesh color. 50c.
- \*Yellow Rambler**—Blooms in spring; golden yellow and very fragrant; hardy climber.

## GREENHOUSE DEPARTMENT

This is a business within itself, and is in charge of a member of this company, who devotes his entire time and attention to the same.

**Our entire eight greenhouses are devoted to Cut Flowers.**

There is scarcely a day in the year but that we can furnish Roses and Carnations, also other flowers in their season. Our assortment of Floral Designs is very large, including Wreaths, Crosses, Crescents, Hearts, Anchors, Stars, Pillows, Cycles, Lyres, Gate Ajar, Scales of Life, Broken Columns, Broken Wheel, Emblems of Lodges, Wedding Designs, etc. In fact, anything from the small \$1.00 designs to the large, showy \$50.00 ones. Phone or wire us; we can please you.

## INJURIOUS INSECTS

There are myriads of insects in the world, and they are said to be on the increase. Fortunately a wise Providence, according to best authorities, has created over sixty per cent of all insects to be beneficial to man and his crops, while not quite forty per cent are injurious. And but for our friendly insects preying upon our insect enemies, our crops would probably prove failures. Still it is well for the wise horticulturist to be informed, and to apply the best methods in combating the enemies of the orchard. The finest fruits are most profitable. To have the best and most attractive looking fruits we must ward off the enemies. In this little volume we will treat of our most common enemies. The following remedies are compiled from the latest recommendations of our best entomologists and pathologists. In our large Catalogue No. 1 we give fuller details of how, what and when to spray.

### APPLES.

**Apple Worm or Codling Moth**—Spray the trees with 6 ozs. Paris green mixed in 50 gals. of water or 50 gals. of Bordeaux mixture, after the blossoms have fallen, and before the calyx lobes close. Repeat this in one week. The poison is the remedy for the apple worm; the Bordeaux conveys it as well as water does, and will keep off apple scab or other fungous diseases.

**Apple Tree Borer**—Examine crowns and lower forks of trees in May or June; dig out the worms if any with knife and wire probe, then paint the parts

well with "protectorine," the best preventive, or use a thick wash of lime and sulphur.

**Caterpillar**—Destroy nests as soon as they appear by burning, or spray leaves with Paris green 8 ozs., 2 lbs. lime, 50 gals. water. Keep well stirred.

**Spring Canker Worm**—Encircle bodies of all trees in early spring with a cloth girdle six inches wide coated thoroughly with "Protectorine," or tar, or crude petroleum, to prevent the moths crawling up the trees to lay the eggs that produce the worms; or spray with the same mixture as for caterpillar.

**Woolly Aphis**—Where they appear like bunches of cotton above ground, causing lumps on the bark, paint the parts with "Protectorine," or wash with strong tar soapsuds with lime and sulphur added. If under ground on the roots, remove all soil around the tree to a depth of about three inches, and saturate the soil to a depth of three inches with Kerosene Emulsion, and return the top soil to its place.

**Apple Scab**—Spray the trees and fruit with Bordeaux mixture before the blooms open and repeat every two weeks until fruit begins to ripen. The early apples are never affected with scab.

#### PEACHES, PLUMS, APRICOTS AND PRUNES.

**Peach Tree Borer**—In winter remove the earth from around the tree and remove the borers, if any, or kill them with a knife and wire probe. Examine again in May or June for any that were overlooked. The wax oozing will locate them, then paint the parts and the body and forks of the tree with "Protectorine," the surest preventive, or a thick wash of lime, sulphur and water may be used.

**Curculio**—Spray the trees before blossoms open with a solution 4 ozs. Paris green, 2 lbs. lime and 50 gals. water; ten days later after blossoms have fallen repeat the application using Bordeaux instead of water. If leaves are on the trees use 2 lbs. arsenate of lead, 2 lbs. lime, and 50 gals. water. Paris green is liable to burn the leaves of peach and plum trees.

After this, use a sheet forming a large hopper of ten or fifteen feet spread, having a slit on one side so the tree may be encircled; give the trees a sharp blow with a padded club. Dump the insects as they fall on the sheet into a jar of kerosene. Jarring should be done often and only early in the morning while the insects are sluggish.

Mr. Stringfellow recommends spraying the trees frequently with a thin solution of "Cold Water Paint," which he says causes them to leave the fruit unmolested, and which is harmless to the fruit. Try it. We would advise the addition of arsenate of lead to the "Cold Water Paint."

**Scale Insects**—In addition to stone fruits, these attack almost all trees at times. So far we have never seen these scale insects in this section. We are very cautious not to allow them introduced. Lime, salt and sulphur wash sprayed on the trees in winter is the remedy. To prepare this wash, use 25 lbs. lime unslaked, 20 lbs. ground or flower of sulphur, 10 lbs. of salt and water to make 60 gallons. Place eight or ten gallons of water in an iron kettle on the fire; when it reaches boiling point add the sulphur, and mix thoroughly; add the lime, which will cause violent boiling. Add small amounts of cold water to prevent boiling over or burning. After

one hour's boiling add the salt, when the sulphur should become dissolved. Add water to make the required sixty gallons, when it is ready for use. This wash is not only death to scale, but very beneficial to the general health of trees.

### **JAPANESE PERSIMMONS, WALNUT, PECAN AND SHADE TREES.**

**Twig Girdlers**—All limbs that have been girdled and have fallen must be gathered and burned to destroy the eggs deposited therein.

**Caterpillars** and other leaf eaters may be easily destroyed by spraying with the Paris green solutions mentioned above, or the "tents" may be burned. Better to use two pounds of arsenate of lead instead of six ounces of Paris green.

**Borers**, if any, must be treated the same as the peach or apple tree borer.

### **GRAPE VINES.**

Grapes should be pruned heavily in winter or early spring before sap starts, then spray the vines thoroughly with Bordeaux Mixture before the buds are open, and repeat at intervals of ten to fifteen days, to prevent mildew and black rot which affect some varieties. If leaf folder or other leaf eating insects trouble add arsenate of lead to the solution.

### **PEAR TREES.**

There have been no remedies found for pear and apple blight, except to cut away the affected parts well down to the healthy wood, and burn the diseased limbs. We have some pears, however, very little affected by blight. These should be planted most.

## **SOME FORMULAE FOR SOLUTIONS**

**Bordeaux Mixture**—Copper sulphate or bluestone 4 lbs., quick lime 6 lbs., water 50 gals. Dissolve the copper sulphate in water in a wooden or earthen vessel holding twenty-five gallons; slake the lime gradually, and add water till you have twenty-five gallons. Then pour the two solutions together gradually into another vessel, stirring them vigorously as they fall so as to get a perfect solution. Make up only as needed, as the mixture will not keep well more than one or two days.

**Paris green solution** (very poisonous)—Add 4 ozs. Paris green and 2 lbs. slaked lime to 50 gals. water. Keep well stirred to prevent settling.

Paris green and Bordeaux may be used together without injury to either. Paris green if used too strong will burn the leaves of trees.

**Arsenate of Lead** (poison)—This can be used as a substitute for Paris green or London purple with much less danger to the foliage. Two lbs. arsenate of lead to 50 gals. water will kill most biting insects.

**Kerosene Emulsion**—One-half pound of soap, dissolved in 1 gal. of water, while hot; add to this 2 gals. kerosene oil (remove from fire while pouring in the oil). Churn violently with a spray pump or garden syringe till the mass becomes like thick cream. Dilute this mixture when wanted for use till one part of oil will be equal to 9 to 15 parts of water. Sour milk may be used instead of soap. This solution is destructive to all sucking insects, such



as plum aphid, green spider on roses and evergreens, etc.

**Sulphur Wash**—One lb. sulphur, 1 lb. air slaked lime; boil in 8 qts. water until reduced to 6 qts. Add 1 gal. of this mixture to 50 gals. water. Use as a spray for plants infested with red spider and other sucking insects.

**Larkin's Sulpho Tobacco Soap**—Is a universal insecticide for all kinds of vermin that affect plants, shrubbery, vines, small fruits and trees, and also vermin on animals. It is also a powerful fertilizer or renovator of plants. The soap is non-poisonous, safe to handle and will not injure the tenderest growth. Once used you will never be without it.

**"Protectorine"** (Kerr's Tree Paint)—Is a very effective means of keeping away rabbits, mice and borers from fruit trees. We have given it the severest tests and it has never failed us. It is the result of many years' experimenting. It is harmless to the trees and to the operator and we believe is the best and cheapest tree protector we have ever known. To be applied to the trees with paint brush in May and September each year (and when set out) to keep off rabbits and borers. It must be well stirred before using.

**Notice**—Smaller amounts of these preparations may be made as needed in the same proportions as herein given.

## WHERE TO GET THEM

Get copper sulphate, Paris green, London purple, sulphur and arsenate of lead from leading druggists, or get your druggist to order them for you if not in stock.

**N. B.**—Copper sulphate must not be placed in an iron or tin vessel, but in earthen, wooden or brass.

Common lime and kerosene get from your dealer.

Sulpho Tobacco Soap, the best remedy or wash for infested or unhealthy house or yard, plants, trees, etc., we can supply half-pound cakes for 15 cents, one-pound cakes at 30 cents each f. o. b. at Sherman, purchaser paying charges, or prepaid by mail or express, half pound 9 cents, per pound 19 cents additional.

**"Protectorine"** (Kerr's Tree Paint)—We manufacture this, which we consider the best, most effective and cheapest protection against rabbits and borers. We put it up in cans holding one quart, one gallon and five gallons. Also in barrels.

One qt. can by express or in a bale of trees....	\$1.00
One gal. can by express .....	2.00
Five gal. can by express or freight .....	8.00

In barrel prices given on application.

These prices are free on board, Sherman, purchaser paying charges.

One gallon is sufficient for 600 small trees, one application. Stir well before and while using.

**Spray Pumps and Sprayers.** We have arranged to supply these in all sizes and of the very best makes at manufacturers' prices. Orders should be sent us some time in advance of time needed for use. In fact, it is well to arm yourself beforehand with a good sprayer to be ready when the enemy makes his attack. Full descriptions and prices will be given on application.

# STOCKHOLDERS OF THE TEXAS NURSERY CO.

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Also President of Collin County Mill & Elevator Co.

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**MISS M. C. STARNES**, Sherman, Texas.

**MISS M. R. KERR**, Sherman, Texas.

**V. H. TAYLOR**, Supt. Durant Nursery Co.

## Horticultural Information

It is well for the modern orchardist and home-buider to be well posted in the best methods of planting and care of trees, both for fruit and ornament.

We desire to supply our customers with the most valuable aids in Horticulture. We offer the following and can supply other works:

**Southwestern Horticulture, The Tree Planter's Manual**—This is published by Texas Nursery Co., and contains our catalogue No. 1. This is a compendium of the arts of tree growing, orchard, yard, cemetery and park building; marketing, spraying, etc. Mailed after Feb. 1, 1907.

**This Catalogue No. 2** will be mailed to any address, on request, free.

**Tree Planting: What? When? How?**—A small, concise book of instructions; will be mailed or delivered to all those who buy trees of us.

**"Fruit-Growing"**—By Prof. L. H. Bailey; postpaid, \$1.25.

**"Landscape Gardening as Applied to Home Decoration,"** \$1.50  
Subscribe for **Farm and Ranch**, weekly, \$1.00 year.  
Address Dallas, Texas.

Very Respectfully,

**TEXAS NURSERY COMPANY, SHERMAN, TEXAS.**





We were awarded at the World's Fair one Gold,  
one Silver, and one Bronze Medal